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Product datasheet for TA318962

DKK2 Rabbit Polyclonal Antibody

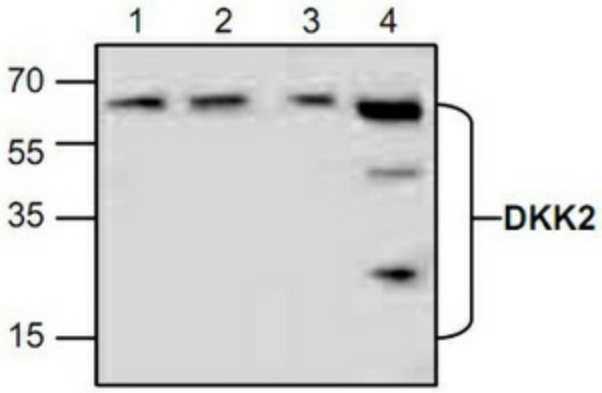
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-4 ug/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide surrounding amino acid 241 of mouse Dkk2
Formulation:	100 µg (0.5 mg/ml) affinity purified rabbit Dkk2 polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	dickkopf WNT signaling pathway inhibitor 2
Database Link:	NP_055236 Entrez Gene 56811 MouseEntrez Gene 295445 RatEntrez Gene 27123 Human Q9UBU2
Background:	Xenopus Dickkopf (Dkk)-1 was initially discovered as a Wnt antagonist that plays an important role in head formation. By far, four members of Dkk have been identified in mammals. Each Dkk molecule contains two conserved cysteine-rich domains. Recent studies showed that the second Cys-rich domains of Dkk1 and Dkk2 inhibited Wnt-3a-activated signaling, whereas the first Cys-rich domains had no effects. In addition, the second Cys-rich domain of Dkk-2, but not that of Dkk-1, was able to activate the canonical pathway in the presence of LRP6, and this LRP-dependent signaling does not require Dvl.
Synonyms:	DKK-2

Protein Families: Adult stem cells, Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Stem cell relevant signaling - Wnt Signaling pathway

Protein Pathways: Wnt signaling pathway

Product images:



Western blot analysis of Dkk2 in lysate from Jurkat cells (Lane 1, 2), 3T3 cells (Lane 3) and rat kidney (Lane 4).